

FORMATION: CODELL Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/19/2011 End Date: 10/22/2011 Date of First Production this formation: _____
Perforations Top: 6324 Bottom: 6332 No. Holes: 32 Hole size: 0.41

Provide a brief summary of the formation treatment: _____ Open Hole:

Pumped 201,420 lbs of Ottawa Proppant and 94,416 gallons of 15% HCL and Silverstim.
The Codell has a composite flow through plug.
Commingle the Niobrara and Codell.

This formation is commingled with another formation: Yes No

Total fluid used in treatment (bbl): 2248 Max pressure during treatment (psi): 2994

Total gas used in treatment (mcf): _____ Fluid density at initial fracture (lbs/gal): 8.34

Type of gas used in treatment: _____ Min frac gradient (psi/ft): 0.72

Total acid used in treatment (bbl): _____ Number of staged intervals: 7

Recycled water used in treatment (bbl): _____ Flowback volume recovered (bbl): _____

Fresh water used in treatment (bbl): _____ Disposition method for flowback: RECYCLE

Total proppant used (lbs): 201420 Rule 805 green completion techniques were utilized:

Reason why green completion not utilized: _____

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: _____ Hours: _____ Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____

Calculated 24 hour rate: Bbl oil: _____ Mcf Gas: _____ Bbl H2O: _____ GOR: _____

Test Method: _____ Casing PSI: _____ Tubing PSI: _____ Choke Size: _____

Gas Disposition: _____ Gas Type: _____ Btu Gas: _____ API Gravity Oil: _____

Tubing Size: _____ Tubing Setting Depth: _____ Tbg setting date: _____ Packer Depth: _____

Reason for Non-Production: _____

Date formation Abandoned: _____ Squeeze: Yes No If yes, number of sacks cmt _____

** Bridge Plug Depth: _____ ** Sacks cement on top: _____ ** Wireline and Cement Job Summary must be attached.

FORMATION: NIOBRARA Status: COMMINGLED Treatment Type: FRACTURE STIMULATION

Treatment Date: 10/22/2011 End Date: 10/22/2011 Date of First Production this formation:
Perforations Top: 6053 Bottom: 6176 No. Holes: 50 Hole size: 0.69

Provide a brief summary of the formation treatment: Open Hole: [X]
Pumped 251,523 lbs of Ottawa Proppant and 154,140 gallons of Slick Water and Silverstim.
Commingle the Niobrara and Codell.

This formation is commingled with another formation: [X] Yes [] No
Total fluid used in treatment (bbl): 3670 Max pressure during treatment (psi): 3646
Total gas used in treatment (mcf): Fluid density at initial fracture (lbs/gal): 8.34
Type of gas used in treatment: Min frac gradient (psi/ft): 0.83
Total acid used in treatment (bbl): Number of staged intervals: 7
Recycled water used in treatment (bbl): Flowback volume recovered (bbl):
Fresh water used in treatment (bbl): Disposition method for flowback: RECYCLE
Total proppant used (lbs): 251523 Rule 805 green completion techniques were utilized: [X]
Reason why green completion not utilized:

Fracture stimulations must be reported on FracFocus.org

Test Information:

Date: Hours: Bbl oil: Mcf Gas: Bbl H2O:
Calculated 24 hour rate: Bbl oil: Mcf Gas: Bbl H2O: GOR:
Test Method: Casing PSI: Tubing PSI: Choke Size:
Gas Disposition: Gas Type: Btu Gas: API Gravity Oil:
Tubing Size: Tubing Setting Depth: Tbg setting date: Packer Depth:
Reason for Non-Production:
Date formation Abandoned: Squeeze: [] Yes [] No If yes, number of sacks cmt
** Bridge Plug Depth: ** Sacks cement on top: ** Wireline and Cement Job Summary must be attached.

Comment:
Well not turned on due to no sales line - May 2012
Form 10 to follow when there are sales

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.
Signed: Print Name: Sarah Finnegan
Title: Regulatory Analyst Date: 9/11/2012 Email: sfinnegan@nobleenergyinc.com

Attachment Check List

Table with 2 columns: Att Doc Num, Name. Row 1: 400325659, FORM 5A SUBMITTED

Total Attach: 1 Files

General Comments

Table with 3 columns: User Group, Comment, Comment Date. Row 1: Permit, Well had flowback which was trucked off location. Well is currently shut in awaiting pipeline., 11/15/2012 11:31:59 AM

Total: 1 comment(s)